

SELECTION & SPECIFICATION DATA

Generic Type	Water-based elastomer.
Description	A flexible, water-based elastomer that promotes the adhesion of Pyrocrete® 239 to polyurethane foam insulation. Recommended for use over plastic foam insulation to eliminate the requirement for supplementary expanded metal lath reinforcement and mechanical attachment.
Features	<ul style="list-style-type: none"> • Excellent flexibility • Very good abrasion resistance • 300 % (nominal) elongation
Color	0800 White Contact your Carboline Representative for availability.
Wet Film Thickness	8 mils (200 microns)
Dry Film Thickness	5 mils (127 microns) per coat
Solids Content	By Volume 60%
Theoretical Coverage Rate	962 ft ² /gal at 1.0 mils (23.6 m ² /l at 25 microns) 192 ft ² /gal at 5.0 mils (4.7 m ² /l at 125 microns) Allow for loss in mixing and application.
VOC Values	As Supplied : 0.67 lb/gallon (81 g/L)
Maximum Service Temperature	Continuous: 250°F (121°C) Non-Continuous: 300°F (149°C)
Topcoats	Used as a tie coat for urethane foam insulation with 1" thickness of Pyrocrete 239. Pyrocrete 239 should be applied over a tacky surface of Pyroprime 775 WB.

SUBSTRATES & SURFACE PREPARATION

General	Clean, dry polyurethane or polystyrene foam insulation. Foam insulation shall be clean, dry and free of oxide film or flaking surface. Surface must be roughened.
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MIXING & THINNING

Mixer	Use 1/2" electric or air driven drill with a slotted paddle mixer (300 rpm under load).
Mixing	Power mix to a uniform consistency. Avoid excessive air entrapment. If necessary, remove paint film on surface prior to mixing.
Thinning	May be thinned up to 32 oz/gal (1.0 l/gal) with clean, potable water.

APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

Conventional Spray	Pressure pot equipped with dual regulators, 3/8" I.D. material hose (minimum) and 0.086" I.D. fluid tip and appropriate air cap.
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Pyroprime 775 WB

PRODUCT DATA SHEET



APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

Airless Spray	Use 30:1 airless (minimum) with 3.0 gal. per minute to provide an operating pressure of 2100-2500 psi
Spray Gun	Silver Gun with gun swivel, Contractor Gun (with filter removed) or equivalent
Spray Tips	0.019" - 0.025" (Use Graco heavy duty RAC non diffuser tips and housing)
Fan Size	4"-12" (depending on section being sprayed)
Brush & Roller (General)	For small areas or touch-up only. Use a natural bristle brush applying with full strokes. Avoid re-brushing. If rolled, use a short nap mohair roller with phenolic core. Avoid back rolling.
Material Hose	3/8" I.D. minimum

APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	50°F (10°C)	50°F (10°C)	50°F (10°C)	0%
Maximum	120°F (49°C)	150°F (66°C)	110°F (43°C)	95%

Do not apply when the surface temperature is less than 5°F (3°C) above the dew point.

CURING SCHEDULE

Surface Temp.	Exterior (Sunlight)	Interior
70°F (21°C)	4 Hours	8 Hours
70°F (21°C)	24 Hours	48 Hours

Recoat times listed above will vary with temperature and humidity conditions. Air movement and exposure to sunlight will shorten recoat windows and will assist drying.

TESTING / CERTIFICATION / LISTING

FM Global	Pyroprime 775 WB has been tested and listed by Factory Mutual for use as a tie-coat over urethane foam insulation with a 1" thickness of Pyrocrete 239 as a thermal barrier.
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CLEANUP & SAFETY

Cleanup	Pump, Gun, Tips and Hoses and mixer should be cleaned at least once per day with water.
Safety	Read and follow all caution statements on this product data sheet and on the SDS. Employ normal workmanlike safety precautions. Keep container closed when not in use.
Overspray	All adjacent and finished surfaces shall be protected from damage and overspray.

CLEANUP & SAFETY

Ventilation	When used in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents used. User should test and monitor exposure levels to insure all personnel are below guidelines. If not sure or if not able to monitor levels, use MSHA/NIOSH approved supplied air respirator.
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PACKAGING, HANDLING & STORAGE

Packaging	1 gallon / 5 gallons
Shelf Life	12 Months *Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers.
Storage	Store indoors in a dry environment between 40°F - 110°F (4°C - 43°C). Protect from freezing.
Shipping Weight (Approximate)	10 lb. per gallon

WARRANTY

To the best of our knowledge the technical data contained herein is true and accurate on the date of publication and is subject to change without prior notice. User must contact Carboline Company to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Carboline quality control. We assume no responsibility for coverage, performance, injuries or damages resulting from use. Carbolines sole obligation, if any, is to replace or refund the purchase price of the Carboline product(s) proven to be defective, at Carbolines option. Carboline shall not be liable for any loss or damage. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY CARBOLINE, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. All of the trademarks referenced above are the property of Carboline International Corporation unless otherwise indicated.